
BOYLE COUNTY

(Boyle County Water Service Area Map)

- Estimated 1999 population of 26,100--92% on public water
- Estimated 2020 population of 27,300--95% on public water
- 220 miles of water lines, with plans for 68 additional miles
- Estimated funding needs for public water 2000-2005--\$3,393,000
- Estimated funding needs for public water 2006-2020--\$7,590,000

Boyle County had an estimated population of 26,107 (10,539 households) in 1999 with a projected population of 27,300 (11,711 households) in 2020. Public water is provided to about 92 percent of the county's residents. In areas of the county not served by public water, about 35 percent of the households rely on private domestic wells and 65 percent of the households rely on other sources. About 375 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
BOYLE								-
Danville				200		500		700
Junction City				58				58
Perryville	24.0	125	720	1,000			275	1,995
Parksville	3.5	14	140					140
Lake Village Water				300				300
North Mercer W/D	5.5	27	200					200
TOTAL	33.0	166	1,060	1,558		500	275	3,393

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
BOYLE								-
Danville				2,000		1,500	1,950	5,450
Junction City	5	30	340				450	790
Perryville	7.5	88	300					300
Parksville	22.5	90	900				150	1,050
Lake Village Water								-
North Mercer W/D								-
Total	35	208	1,540	2,000		1,500	2,550	7,590

WATER SERVICE AREAS

BOYLE COUNTY

Kentucky

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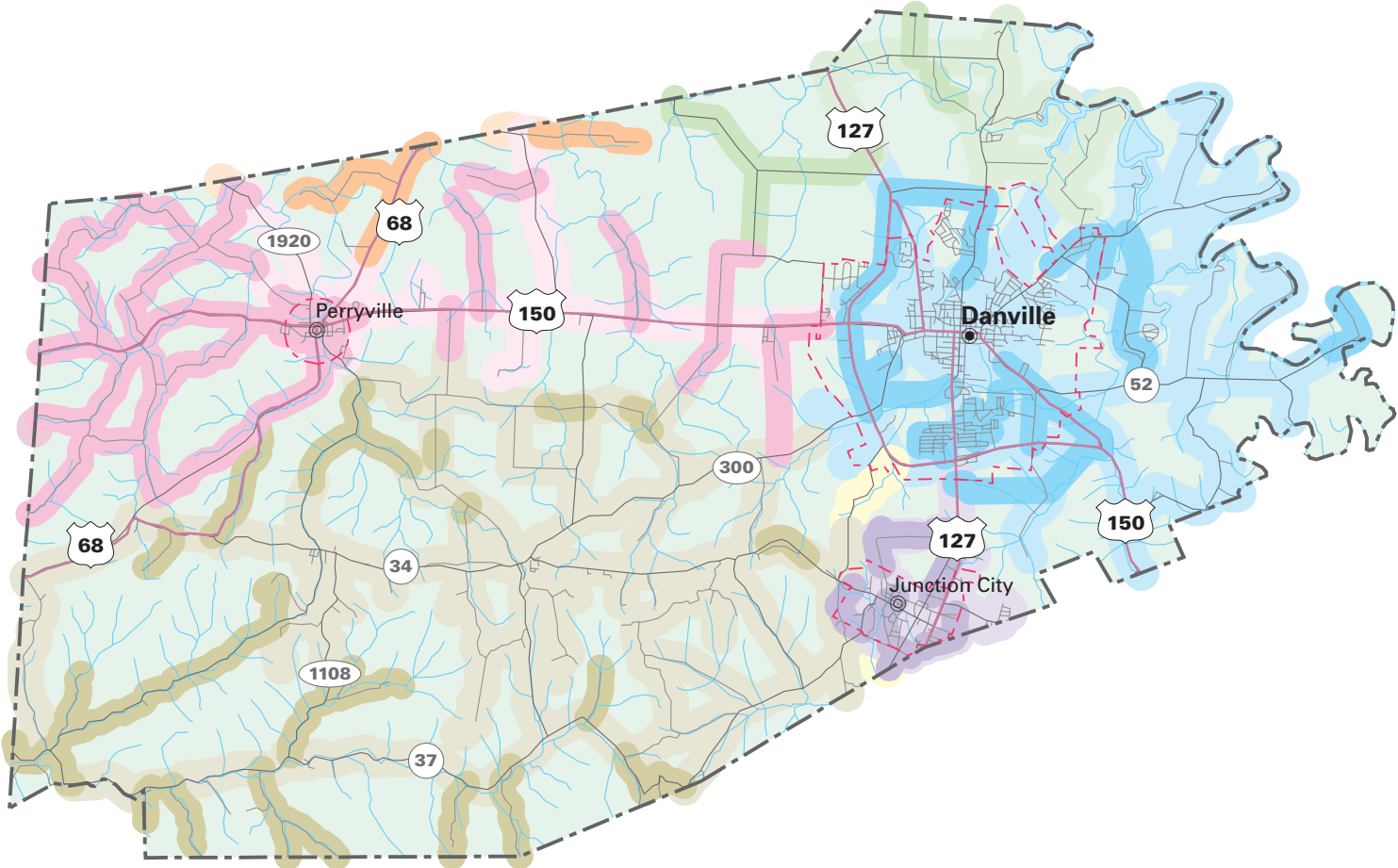
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WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		PERRYVILLE MUNICIPAL WATER
		PARKSVILLE WATER DISTRICT
		NORTH MERCER WATER DISTRICT
		LAKE VILLAGE WATER ASSOCIATION
		JUNCTION CITY MUNICIPAL WATER
		HUSTONVILLE MUNICIPAL WATER
		DANVILLE MUNICIPAL WATER
		CITY OF BRANDENBURG

PUBLIC WATER SYSTEMS

Boyle County has 6 community water systems: 2 municipal, Danville City Water Works and Junction City Water System; 2 water districts, Parksville Water District and Perryville Water District; 1 state system, Northpoint Training Center; and 1 private system, River Ridge Water Company. Lake Village Water District and North Mercer Water District also serve parts of the county.

DANVILLE MUNICIPAL WATER WORKS

PWSID: 0110097
System Type: COMMUNITY
Owner Type: MUNICIPAL
Surface Source: HERRINGTON LAKE
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD): 10.00
Percent Daily Average Production: 41.00
Total Tank Storage Capacity (gallons): 150,000.00
Total Service Connections: 6,700.00
Number of Employees: 13.00
Treatment Operator Class: 3D
Distribution Operator Class: 4A
Customer Rate for 1,000 Gallons: Not available
O/M costs 1997: Not available
O/M costs per Service Connection: Not available
Net Revenue 1997: Not available
Total Water Produced 1997 (gallons): Not available
Water Sold 1997 (gallons): Not available
Unaccounted-for Water 1997 (%): Not available

JUNCTION CITY MUNICIPAL WATER SYSTEM

PWSID: 0110218
System Type: COMMUNITY
Owner Type: MUNICIPAL
Surface Source:
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD): 0.00
Percent Daily Average Production: 0.00
Total Tank Storage Capacity (gallons): 300,000.00
Total Service Connections: 1,231.00
Number of Employees: 4.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons: Not available
O/M costs 1997: Not available

O/M costs per Service Connection:	Not available
Net Revenue 1997:	Not available
Total Water Produced 1997 (gallons):	Not available
Water Sold 1997 (gallons):	Not available
Unaccounted-for Water 1997 (%):	Not available

PARKSVILLE WATER DISTRICT

PWSID:	0110345
System Type:	COMMUNITY
Owner Type:	WATER DISTRICT
Surface Source:	
Purchase Source:	
Well Source:	
Sells Water to:	
Treatment Plant Capacity (MGD):	0.00
Percent Daily Average Production:	0.00
Total Tank Storage Capacity (gallons):	75,000.00
Total Service Connections:	1,023.00
Number of Employees:	7.00
Treatment Operator Class:	2D
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:	6.75
O/M costs 1997:	327,277.00
O/M costs per Service Connection:	294.05
Net Revenue 1997:	3,618.00
Total Water Produced 1997 (gallons):	0.00
Water Sold 1997 (gallons):	59,644,500.00
Unaccounted-for Water 1997 (%):	18.75

PERRYVILLE MUNICIPAL WATER

PWSID:	0110349
System Type:	COMMUNITY
Owner Type:	WATER DISTRICT
Surface Source:	
Purchase Source:	
Well Source:	
Sells Water to:	
Treatment Plant Capacity (MGD):	0.00
Percent Daily Average Production:	0.00
Total Tank Storage Capacity (gallons):	120,000.00
Total Service Connections:	653.00
Number of Employees:	3.00
Treatment Operator Class:	2D
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:	Not available
O/M costs 1997:	Not available
O/M costs per Service Connection:	Not available
Net Revenue 1997:	Not available
Total Water Produced 1997 (gallons):	Not available
Water Sold 1997 (gallons):	Not available
Unaccounted-for Water 1997 (%):	Not available

OTHER SYSTEMS

RIVER RIDGE WATER COMPANY

River Ridge Water Company is located in Boyle County. The system serves a population of 66 and has 20 service connections. The system is a private, community system.

NORTH POINT TRAINING CENTER

North Point Training Center is located in Boyle County. The system serves a population of 1,200 and has 1 service connection. The state, community system has treatment capacity of 360,000 gallons per day and storage capacity of 278,000 gallons. The water source is surface water from Herrington Lake.

PRIVATE DOMESTIC SYSTEMS

About 2,050 residents of the county rely on private domestic water supplies: 700 on wells and 1,350 on other sources.

In the northern half of the County within the larger creek and river valleys most drilled wells will produce enough water for a domestic supply at depths of less than 100 feet. In the rest of Boyle County wells located in the larger creek valleys will produce enough water for a domestic supply except during dry weather. In the upland areas of Boyle County, which encompasses 85% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines that may produce enough water except during dry weather.

Throughout the County ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
